Public Works (190/) Department.

G.O., No. 553 I

DATED 21.12 1907.

Eng
Cirl
28.1.08

The Notes
in this G.O. have been printed.

3.1.1908

100/3 copies of G.O.
40 copies of N.Pr.
30 copies to be stitched with G.os.

[Despatch Abstract.]

Periyar Pambiar Investigation, Madura Dt.

An estimate, amounting to Rs 30,700, for the ——— during 1907-08, sanctioned with remarks and a sum of Rs 25,000 granted for expenditure during the year.

JEO/CO/IO72

138-2907-08
Registered
21.12.07

P. W. 26.
2,050—5-7-06.

Indexed

21/12

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	

IRRIGATION.
ACCOUNT.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Recd. } 1907. *Enclosures*

Regd. *Spare copies*

G.O., No. 553 I., 21st December 1907.

Periyar-Pambiyar Investigation, Madura district

An estimate, amounting to Rs. 30,700, for the — during 1907-1908, sanctioned with remarks and a sum of Rs. 25,000 granted for expenditure during the year.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers:—

I

G.O., No. 126 I., dated 18th March 1907.

Abstract.—Sanctioning, with remarks, an estimate for the investigation of the Periyar-Pambiyar scheme (Madura district) during 1906–1907.

II

From the Superintending Engineer, VI Circle, dated 17th November 1907, No. 622 C.E.
From the " " " 17th " " No. 623 C.E.
Telegram to the Executive Engineer, Periyár-Pambiyar Investigation, dated 26th Nov. 1907.
From the Executive Engineer, Periyár-Pambiyar Investigation, dated 6th December 1907, No. 109.

Enclosures.

Estimate form—Abstract.

Quantity.	Description of work.	Rate.	Per.	Amount.	Total.
1	2	3	4	5	6
	Investigation of the Periyar-Pambiyar scheme.	RS. A. P.		RS.	RS.
8	Boatmen for 6 months *	0 7 0 per diem.	Each.	640	
4	Tappal coolies *	0 8 0 per diem.	..	366	
18	Survey coolies *	Do.	..	1,647	
2	Gangmen	60 0 0 per mensem.	..	720	
1	Supply maistry	30 0 0 per mensem.	..	180	
	Jungle clearance	Lump sum.		3,000	
	Huts, sheds and cooly lines	Do.		2,000	
	Removing earth to lock level at sites of proposed dams.	Do.		1,000	
	Unforeseen works	....		507	
	Total I works ..	..	..	..	10,060
	Executive Engineer for 6 months salary ..	1,050 0 0	Per mensem.	6,300	
	Local allowance	100 0 0	..	600	
	Exchange compensation allowance	65 10 0		394	
	Travelling allowance	260 0 0	..	1,560	
	Assistant Engineer for 6 months salary ..	600 0 0	..	3,600	
	Local allowance	100 0 0	..	600	
	Travelling allowance	240 0 0	..	1,440	
	Assistant Engineer for 6 months salary ..	450 0 0	Per mensem.	2,700	
	Local allowance	100 0 0	..	600	
	Exchange compensation allowance	28 2 0	..	169	
	Travelling allowance	240 0 0	..	1,440	
2	Surveyors for 3 months	100 0 0	Each per mensem.	600	
	Contingencies	Lump sum.		137	
	Total II, establishment ..	..	..	..	20,140
	Tools and plant ..	Lump sum.		500	
	Total III, tools and plant ..	..	..	..	500
	Grand total of estimate ..	..	..	..	30,700

* Note.—A month is taken as 30½ days.

Report.

PART I.—ESTABLISHMENT.

No explanation seems called for, except that provision for exchange compensation allowance has not been included, as I do not know how much to allow.

PART II.—WORKS.

Boatmen.—Two boats are required on the lake, to keep up communication with Periyar, for tappal, and for coolies, supplies, etc. These men are paid 7 annas per diem, as they live at Periyar. This is the usual rate of wages there.

Tappal coolies.—Necessary for the conveyance of tappal from the lake to the different camps.

Survey coolies.—For employment under the officers and surveyors of the Party.

(The tappal and survey coolies are paid 8 annas per diem as they have to live out in the jungle.)

Gangmen.—Required for the supervision and control of the coolies at the different camps.

Supply maistry.—This man is kept at Periyar to receive and despatch tappal, and to arrange for supplies, etc., for the coolies.

The remaining items are lump sum provisions which cannot be estimated for in detail with any degree of accuracy, but which have been found necessary from past experience.

6th December 1907.

S. B. MURRAY,
Executive Engineer.

Order—No. 553 I., dated 21st December 1907.

With his letter read above the Executive Engineer, Periyar-Pambiyar Investigations, submits an estimate amounting to Rs. 30,000 to cover the cost of operations during 1907–1908. As no provision has been made in it for exchange compensation allowance and contingencies, the necessary addition on account of these items has now been made. The estimate, as altered, amounts to Rs. 30,700 and is sanctioned and classified as follows:—

Provincial.

Irrigation.

43. Minor Works and Navigation.

Class IV.—Other Minor Works for which neither Capital, nor Revenue, nor individual, accounts are kept.

(*a*) In charge of Public Works Department.

	RS.
I. Works	10,060
II. (Special) Establishment	20,140
III. („) Tools and plant	500
Total, Estimate	30,700

2. This sanction is registered as No. 138 I. of 1907–1908.

3. The grant of Rs. 25,000 required by the Executive Engineer on Special duty will be provided in part from the amount, Rs. 10,000, surrendered by the Superintending Engineer, VI Circle, from the grant for the Berijam project and the balance from the reserve at the disposal of Government as shown below :—

From

Class II.—Minor Works for which Capital and Revenue accounts are kept.
Capital Account.
Berijam Project.

	RS.	RS.
Works	10,000	
Establishment ...	2,300	
		12,300

Class IV.—Other Minor Works for which neither Capital nor Revenue accounts are kept.
(*a*) In charge of Public Works Department.
Minor Original Works.
Reserve.

Works	10,201	
Establishment	2,346	
Tools and plant ...	153	
		12,700
		25,000

To

Class IV.—Other Minor Works for which neither Capital, nor Revenue accounts are kept.
(*a*) In charge of Public Works Department.
Major Original Works.
Periyar-Pambiyar investigation during 1907–1908.

	RS.
Works	5,000
Establishment (Special)	20,000
	25,000

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, VI Circle.
,, Executive Engineer on Special duty, in charge of Periyar-Pambiyar Investigations.
,, Examiner, Public Works Accounts.

PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

NOTES CONNECTED WITH G.O., No. 553 I., DATED 21ST DECEMBER 1907.

[SUBJECT.—*Reappropriation of grants under the head "43," Madura Division, and the estimate for the Periyar-Pambiyar investigations for the current year.*]

From the Superintending Engineer, VI Circle, dated 17*th Nov.* 1907, *No.* 622 *C.E.*
From the „ „ *VI* „ „ 17*th* „ „ „ 623 *C.E.*

Under Secretary—

In the currents quoted above the Superintending Engineer, VI Circle, surrenders a sum of Rs. 10,000 from the grant for the Berijam project, which, it is stated, will not be spent during the year, and applies for an additional grant of Rs. 26,000 for expenditure on the investigation of the Periyár-Pambiyar scheme. It is stated that a sum of Rs. 10,113 has already been spent on establishment and that a further sum of Rs. 16,000 will be utilized during the remaining portion of the year. The existing grant of Rs. 7,000 is reported to be required to meet the expenditure on "*Works*".

In G.O., No. 126 I., dated 18th March 1907, an estimate of Rs. 38,000 was sanctioned to cover the cost of operations in *1906–1907*, against which a sum of Rs. 28,933 was spent during that year. It is, therefore, presumed that a separate estimate for 1907–1908 will be submitted later on by Mr. Murray. Pending receipt of this estimate, the grant asked for may be sanctioned by reappropriation from the amount surrendered by the Superintending Engineer and from the reserve of Rs. 18,149 * at the disposal of Government.

* For "Works".

A draft order is accordingly submitted and may, if approved, be forwarded to the Financial Department for acceptance before issue.

T. S. RAMIAH.
21-11-07.

MUHAMAD ABDULLA.
21-11-07.

S. DORAISWAMI AIYAR.
21-11-07.

Joint Secretary—

It is very unsatisfactory that almost half the grant under Berijam project should be surrendered; a full explanation might be called for.

The reserve Rs. 18,149 might be allotted to the Pambiyar investigation for the present.

T. W. S. SMYTH.
21-11-07.

The explanation would be that orders to go on with the work were not issued until two or three months ago which is a reasonable excuse. The Executive Engineer should however have afforded it. The draft order may issue. *

* i.e. after acceptance by Financial, as the reappropriation exceeds Rs. 7,500.

M.A.

H. E. Clerk.
21-11-07.

To the Financial Department u.o.

Financial Department.

Chief Secretary—

The draft order may be accepted in Financial. The arrangement of allotting funds in the absence of a sanctioned estimate is, however, not very safe.

A.H.
22-11-07.

C. M. Schmidt.
22-11-07.

The Hon'ble Mr. Stokes, C.S.I.—

For orders as to the reappropriation without estimate.

H. Bradley.
22-11-07.

Why should we allot money in anticipation of the estimate. What hurry is there for allotment or this reappropriation. Leave things as they are and come up again with the required estimate.

G. S [tokes].
23-11-07.

To the Public Works Department (Irrigation) u.o.

H.B.
25-11-07.

Public Works Department
(Irrigation Branch).

[Telegram to Mr. Murray, Executive Engineer on special duty, issued on 26th November 1907 calling for the submission of an estimate to cover the cost of current year's operations in connection with the Periyár-Pambiyar investigations.]

From the Executive Engineer on special duty, Periyar-Pambiyar Investigations, dated 6th December 1907, *No.* 109.

Under Secretary—

Mr. Murray now submits an estimate for the above work and applies for a grant of Rs. 25,000 for expenditure during the current year. A draft order sanctioning the estimate and providing the amount asked for by the Executive Engineer is

submitted and may, if approved, be forwarded to the Financial, Revenue and Public Works Departments for acceptance, before circulation to His Excellency.

M.A.
13-12-07.
S.D.
14-12-07.

T.W.S.S.
14-12-07.
H.E.C.
14-12-07.

To the Public Works Department
To the Revenue „
To the Financial „ } *u.o.*

PUBLIC WORKS DEPARTMENT.

The draft is accepted.

P. K. SUBBA AIYAR.
16-12-07.

A. G. ROMILLY.
16-12-07.
F. J. WILSON.
16-12-07.

To the Revenue Department u.o.

REVENUE DEPARTMENT.

Accepted in Revenue.

D. T. CHADWICK.
17-12-07.

To the Financial Department u.o.

FINANCIAL DEPARTMENT.

Chief Secretary—

Accepted.

C.M.S.
17-12-07.
H.B.
17-12-07.

To the Public Works Department (Irrigation) u.o.

PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

Under Secretary—

Submitted that the draft order may now be circulated to His Excellency.

M.A.
18-12-07.
S.D.
18-12-07.

T.W.S.S.
18-12-07.

Submitted to His Excellency the Governor.

Estimate to cover cost of establishment employed on investigating the Pambiyar river during 1907–1908—*Rs.* 30,700.

The above estimate is to cover the cost of establishment working under M. Murray (including his own pay) and the work carried out by them. The draft order has been accepted in Revenue and Financial.

H.E.C.
18–12–07.

A. L[AWLEY].
20–12–07.

Under Secretary—

Submitted that the draft order may now issue.

N. SARAVANAPERUMAUL PILLAI.
20–12–07

S.D.
20–12–07.

Issue.

T.W.S.S.
20–12–07.

[Issued as G.O., No. 553 I., dated 21st December 1907.]

1009—18-8-06.

Reappⁿ of grants under the head "43" Madura Dⁿ and Rste for Periyar-Pambiar Investgns during the current year.

CURRENT FILE.

Press
Pp 1 to 11 of this C.f. need not be printed
J.H.R.
28.12.

Y

Stock Form No. 141 (a).
4,000—19-4-07.

PUBLIC WORKS DEPARTMENT.

Irrigation Branch.

CURRENT NO. 7521

ENCLOSURES. Plans No.
Others No.
Total

Received 19. 11 1907.

Registered 190

SPARE COPIES.

Passed on by Registering Clerk ...
" " U. R. Clerk ...
" " Record-keeper ...
" " Drafting Officer ...

Subject.

Reappropriation of Budget Grants:—

Forwards copy of an application for — from the E E Madura proposing to surrender a sum under the head 43 Minor Works & Navigation

No. 622 CE

Station , *Dated the* 17. 4 1907

From (Name) Supg Engr

(Designation) VI circle

To *The Chief Engineer* / *The Joint Secretary* *to the Government of Madras,*

Public Works Department,

Irrigation Branch.

Sir,

Due 19/4/07

P. 20/11/07

2

P. W. D. Form No. 41H.

CHIEF ENGINEER FOR IRRIGATION.
19 NOV 1907
No. 7521

Madras PROVINCE.

NOTES.

Reference to P. W. D. Code.

Vol. II, Chapter XIV, para. 2107 (h).

1. This form should be used by the Executive Engineer in any of the following cases:—

(a).—When he requires a grant, or an addition to an existing grant, for carrying on a sanctioned major work.

(b).—When he is unable to utilize the grant at his disposal for any work and wishes to resign it either wholly or in part.

(c).—When he wishes to utilize the grant for one work upon some other.

2. Either of the columns for "Proposed new grant" or for "Proposed reduction," or both, may be used as required.

3. If it happens that the grant already allowed has been reduced, the entry in the column "Existing grant for current year" would of course be the amount less such reduction.

4. In the case of Irrigation works, the entries in the column "Departmental and service head" should show distinctly whether the proposed re-appropriation is debitable to Capital or Revenue, and the entries in the column "Works" should be so arranged as to show the project to the Capital or Revenue account of which the charge is debitable, and the class of service to which the charge is debitable, thus:—

______ PROJECT.

(1).—HEAD WORKS—

(B). Land.

(K). Buildings.

In cases of Productive public works, the fact of their being so should be noted against the entries.

5. It being of the utmost importance that early intimation of possible lapses, or of excesses, in outlay on works should be communicated to the Government, a close watch should be maintained on the progress of all works by executive officers, and this form employed the moment the facts are sufficiently known.

6. Applications for re-appropriations which require the sanction of the Government of India should be submitted by the local Government in duplicate; applications by Executive Engineers should be submitted through the Superintending Engineers of their Circles.

BRANCH— Buildings and Roads.

CIRCLE— Sixth.

DIVISION— Madura

FUND— 43. Minor works and Navigation.

Application for a re-appropriation of Budget grants.

S.E.
No. 455, *dated the* 2nd November 1907.

No. 622 C.E., *dated the* 17 November 1907.

EXPLANATION OF NECESSITY FOR RE-APPROPRIATION.

Surrendered as there is no prospect of its being spent.

(Sd) T. Jayaram Chetty,
For Ex: Engineer.

Copy forwarded to the Chief Engineer for Irrigation, with the request that the amount proposed for surrender by the Executive Engineer may be resumed.

[signature] 16/11
Superintending Engineer,
VI Circle.

13.11.07.

P. W. D. FORM No. 41 H.

Application to the Supdg: Engineer for a re-appropriation of Budget grants.

PROPOSED NEW GRANT.									PROPOSED REDUCTION.								
Departmental and service head.	Item No. of Budget.	Works.	Amount of estimate.	Outlay to end of previous year.	Original grant for current year.	Existing grant for current year.	Proposed increase.	Grant as now proposed.	Departmental and service head.	Item No. of Budget.	Works.	Amount of estimate.	Outlay to end of previous year.	Original grant for current year.	Existing grant for current year.	Proposed reduction.	Amount at which grant for work will stand after reduction.
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
									43. Capital		1. Borijan Project 1. works.	42,500	10,999	22,488	22,488	10,000	12,488

3/

Orders by the Government of ____________

No. ______ dated the ______ 190 .

Secy. to Government of ____________ P. W. Department.

No. ______ dated the ______ 190 .

Forwarded to the Supdg: Engineer, VI Circle.

(Sd) R. de Chazal.

(Signature) Executive Engineer, Sadiya Dn

4

Stock Form No. 141 (a).
4,000—19-4-07.

PUBLIC WORKS DEPARTMENT.

Irrigation Branch.

CURRENT No. 7520

ENCLOSURES. { Plans No.
Others No.
Total

Received 19. 11 1907.

Registered 190

SPARE COPIES.

Passed on by Registering Clerk ...
,, ,, U. R. Clerk ...
,, ,, Record-keeper ...
,, ,, Drafting Officer ...

Subject.

Reappropriation of Budget grants:— Forward copy of an application ~~for~~ —— under 43 Minor works & Navigation from the EE. Madura Dn.

No. 623. CE.

Station , *Dated the* 17. 11 1907

From (Name) Supg Engr

(Designation) VI circle

To *The Chief Engineer / The Joint Secretary* *to the Government of Madras,*
Public Works Department,
Irrigation Branch.

Sir,

J. E. J.

RS 20/11/07

19/11/07

5

CHIEF ENGINEER FOR IRRIGATION
19 NOV 1907
No. 7520

P. W. D. Form No. 41 H.

NOTES.

Reference to P. W. D. Code:

Vol. II, Chapter XIV, para. 2107 (h).

1. This form should be used by the Executive Engineer in any of the following cases:—

(*a*).—When he requires a grant, or an addition to an existing grant, for carrying on a sanctioned major work.

(*b*).—When he is unable to utilize the grant at his disposal for any work and wishes to resign it either wholly or in part.

(*c*).—When he wishes to utilize the grant for one work upon some other.

2. Either of the columns for "Proposed new grant" or for "Proposed reduction," or both, may be used as required.

3. If it happens that the grant already allowed has been reduced, the entry in the column "Existing grant for current year" would of course be the amount less such reduction.

4. In the case of Irrigation works, the entries in the column "Departmental and service head" should show distinctly whether the proposed re-appropriation is debitable to Capital or Revenue, and the entries in the column "Works" should be so arranged as to show the project to the Capital or Revenue account of which the charge is debitable, and the class of service to which the charge is debitable, thus:—

_______________ PROJECT.

(1).—HEAD WORKS—

(*B*). Land.

(*K*). Buildings.

In cases of Productive public works, the fact of their being so should be noted against the entries.

5. It being of the utmost importance that early intimation of possible lapses, or of excesses, in outlay on works should be communicated to the Government, a close watch should be maintained on the progress of all works by executive officers, and this form employed the moment the facts are sufficiently known.

6. Applications for re-appropriations which require the sanction of the Government of India should be submitted by the local Government in duplicate; applications by Executive Engineers should be submitted through the Superintending Engineers of their Circles.

EXPLANATION OF NECESSITY FOR RE-APPROPRIATION.

The Executive Engineer Madura Division states that a sum of Rs. 10,113 has already been spent on Establishment and that a further sum of Rs 16,000 will be spent during the remainder of the year on the establishment allowed by the scale laid down in G.O. No. 126. I dated 18th May 1907. As the sum of Rs 7,000 allotted for the Pambiar Investigation in the Budget Estimate of this year represents the grant for "works" and will it is stated be required in full to meet the expenditure under this head, a sum of Rs 26,000 has been applied for by the Executive Engineer Madura Division to meet the outlay already incurred and that to be incurred on Establishment.

Madras PROVINCE.

BRANCH—Buildings and Roads.

CIRCLE—Sixth.

DIVISION—Madura.

FUND—43. Minor works and Navigation.

Application for a re-appropriation of Budget grants.

No. ________, dated the ____________ 190 .

No. 623 CE, dated the 17th November 1907.

Copy forwarded to the Chief Engineer for Irrigation with the request that the amount applied for by the Executive Engineer may be sanctioned.

[signature] 16.11

Superintending Engineer, VI Circle.

[initials] 14.11.07

6/

Application to the Supdg. Engineer, VI Circle, for a re-appropriation of Budget grants.

Proposed new grant: Departmental and service head.	Item No. of Budget.	Works.	Amount of estimate.	Outlay to end of previous year.	Original grant for current year.	Existing grant for current year.	Proposed increase.	Grant as now proposed.	Proposed reduction: Departmental and service head.	Item No. of Budget.	Works.	Amount of estimate.	Outlay to end of previous year.	Original grant for current year.	Existing grant for current year.	Proposed reduction.	Amount at which grant for work will stand after reduction.
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
43-Minor Works and Navigation	1	Periyar-Pambiyar investigation establishment.	Lump Sum				26,000	26,000									

Orders by the Government of ____________ No. ______ dated the ______ 190

Forwarded to the Supdg. Engineer, V Circle.

(Sd.) R. de Chazal,
(Signature) Ex: Engineer,
Madura Dn.

No. ______ dated the ______ 190 ; Secy. to Government of ______ P. W. Department.

6

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

Telegram (State,)

To

The Supg Engr:
VI Circle.

Your number 623 C.E 17th instant. Estimate of work for current year urgently required. Please ask Mr Murray to send it immediately.

Wire direct to Mr Murray

p.507 C.t

Please submit estimate current year work ~~as there~~ until received no allotment funds possible

[illegible]
26/11.

DESPATCHED
DATE 26/11/190
ENCLOS.

[illegible]
26.11.07

[illegible]
26/11/07

Stock Form No. 141 (a).
4,000—19-4-07.

PUBLIC WORKS DEPARTMENT.

Irrigation Branch.

CURRENT No. 7983

ENCLOSURES. Plans No.
Others No. 1.
Total

Received 10.12. 1907

Registered " 190

SPARE COPIES.

Passed on by Registering Clerk ...
,, ,, U. R. Clerk ...
,, ,, Record-keeper ...
,, ,, Drafting Officer ...

Subject.

Estimate of Rs 25,000/- to cover the work of the Periyar Vambiar Investigation Party in the current official year

— Submits —

No. 109

Station , Dated the 6.12. 1907

From (Name) S. B. Murray Esq

(Designation) P. P. I. Party.

To The Chief Engineer / The Joint Secretary to the Government of Madras,
Public Works Department,
Irrigation Branch.

Sir,

V. urgent
Papers.
K.

R.K. papers re. the surrender of funds from Benjamin Shaw & putting 7520+21 c. no
11/12/07

A. 12/12/07

A 11/12/07

Recd 10/12/07

8

Kumili
Travancore

6th December 1907

No - 109

To The Chief Engineer for Irrigation
Madras

From The Executive Engineer
Periyar - Pambiyar Investigation Party

Sir
I have the honour to submit herewith an estimate to cover the work of the Party for the present season. I regret I am unable to send it prepared in a regular form, and I must ask you to have it recopied in your Office -

Enclos. 1

2. I believe the estimate is complete, and I see no reason why it should be exceeded -

3. I have not included the expenditure incurred in gauging the Pambiyar river from April to October. There was a balance of R 7000. or so. left over from my last season's allotment, and this should be more than sufficient for the purpose -

I have the honour to be Sir
your most obedient
servant

S. J. Murray
Ex. Eng.
in ch. P.-P. I. Party

9

Penugan - Pambugan Investigation Party

Estimate for the working season of 1907-08

Part I - Establishment -

Executive Engineer - for six months		
Salary - R1050 x 6	R.	6300
Local allowance - R 100 x 6	"	600
Travelling allowance - R 260 x 6 (E.C.A 65-10-0 x 6)	"	1560 (394)
Assistant Engineer - for six months		
Salary - R600 x 6	"	3600
Local allowance - R.100 x 6	"	600
Travelling allowance - R.240 x 6	"	1440
Assistant Engineer - for six months		
Salary - R.450 x 6	"	2700
Local allowance - R.100 x 6	"	600
Travelling allowance - R.240 x 6 (E.C.A 28-2-0 x 6)	"	1440 (169)
Two Surveyors - for three months		
Pay - 2 x R.100 x 3	"	600

Total for "Establishment" - R 19,440

Not to be printed

Part II - Works -

Boatmen - for six months

eight @ 7 annas per diem $= 8 \times \frac{7}{16} \times \frac{61}{2} \times 6 =$ R 640

Tappal coolies - for six months

four @ 8 annas per diem $= 4 \times \frac{8}{16} \times \frac{61}{2} \times 6 =$ " 366

Survey coolies - for six months

eighteen @ 8 annas per diem $= 18 \times \frac{8}{16} \times \frac{61}{2} \times 6 =$ " 1647

Gangmen - for six months

Two @ R. 60 per mensem $= 2 \times 60 \times 6 =$ " 720

Supply Maistry - for six months

one @ R. 30 per mensem $= 30 \times 6 =$ " 180

Jungle clearance -

Lump Sum " 3000

Huts, Sheds, and Cooly Lines -

Lump Sum " 2000

Removing earth to rock level at sites of proposed dams -

Lump Sum " 1000

Tools & Plant

Lump Sum " 500

Unforeseen Works

Lump sum " 507

Total for "Works" - R 10,560

II

Noted the figures

Abstract

Part I -	Establishment -	R. 19,440
Part II -	Works -	R. 10,560
	Grand Total -	R 30,000

S. W. Murray
Executive Engineer
in ch. P-P. S Party

Camp
6-12-07

Note

The amount required for expenditure in the current Official Year is R25,000

SWM
E.E.

R.7520.
7521.
7583.

Reappropriation of grant under "43" and Estimate for the Periyar-Pambiyar Investigations during current year. Madura Dt.

PUBLIC WORKS DEPARTMENT
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

H.E

again
READ the following

C.O. No. 126 I dated 18-3-07.

Read also

From the Supg.Engineer VI Circle No. 622 C.E.dated 17-11-07

From - - 623 C.E dated 17-11-07

Telegram to the Executive Engr.Periyar Pambiyar Investgn.dated 26-11-07

From - - - - No.109,d/6-12-07

Print Estimate.
Print Notes.

Order 553-I d/21.12.07

With his letter read above the Executive Engr, Periyar Pambiyar Investigations, submits an estimate amounting to Rs.30,000 to cover the cost of operations during 1907-08. As no provision has been made in it for exchange compensation allowance and contingencies, the necessary addition on account of these items has now been made. The estimate, as altered, amounts to Rs.30,700 and is sanctioned and -- classified as follows:-

Provincial

Irrigation

43 Minor Works and Navigation.

Class IV other minor works for which neither capital nor revenue nor individual accounts are kept.

(a) in charge of P.W.D.

I Works	10,060
II (Special) Establishment	20,140
III (Special) Tools and Plant	500
Total, Estimate ----	30,700

Issue
18/12

7 P

2. This sanction is registered as No. 138–I of 1907-08.

3. The grant of Rs.25,000 required by the Executive Engineer on special duty ~~is~~ will be provided in part from the amount, ~~of~~ Rs.10,000, surrendered by the Supg.Engr., VI Circle, from the grant ~~fraxx~~ for the Berijam project ~~as well as~~ and the balance from the reserve at the disposal of Govt., as shown below:-

p 34 cf

From			To	
Class II Minor Works for which Capital and Revenue accounts are kept.			Class IV Other Minor Works for which neither Capital, nor Revenue accounts are kept.	
Capital Account			(a) in charge of P.W.D.	
Berijam Project			Major original Works.	
			Periyar-Pambiyar investigation during 1907-08.	
Works	10,000		Works.	5,000
Establishment	2,300	12,300	Establishment(Special).	20,000
Class IV Other Minor Works for which neither Capital nor revenue accounts are kept.				
(a) in charge of P.W.D.				
Minor Original Works				
Reserve.				
Works	10,201			
Establishment	2,346			
Tools & Plant	153	12,700		
		25,000		25,000

To
The Chief Engr. for Irrgn.
" Supg. Engr., VI Circle
" Exec: Engr: on spl. duty in charge of Periyar Pambiyar Investigations. } in hope
" Examr., P. W. Accts.

TWSS
DD 14/12/07
HLL 20/12/07
Despm 21.12.07 s/ed 21/1/08

DESPATCHED
21 JAN 1908

Wile 13.12.07
Ordinary Press.
?
14/1/08

To be printed

3 B6

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per.	Amount	Total.
1	2	3	4	5	6
	Investigation of the Periyar-Pambiar Scheme	Rs.		Rs.	Rs.
8	Boatmen for 6 months *	As. 7 per diem	Each	640	
4	Tappal Coolies .. *	As. 8 per diem	..	366	
18	Survey Coolies .. *	Do.	..	1647	
2	Gangmen ..	Rs. 60 per mensem.	..	720	
1	Supply Maistry ..	Rs 30 per mensem.	..	180.	
	Jungle Clearance	LS		3000	
	Huts, Sheds and Cooly lines	LS		2000	
	Removing earth to lock level at Sites of proposed dams.	LS		1000	
	Unforeseen works		..	507	
	Total I Works				10060
	Executive Engineer for 6 mths Salary	1050 per	Per mensem.	6300	
	Local allowance	100	..	600	
	Exchange Compensation allowance	65-10	..	394	
	Travelling allowance	260	..	1560	
	Asst. Engr for 6 months				
	Salary	600	..	3600	
	Local allowance	100	..	600	
	Travelling allowance	240	..	1440	
	Grand Total of Estimate ..		c.o.	14,494	10060

* Note:- Amount is taken as 30½ days

STATION ————

Date ———— 190

Executive Engineer.

E. No. 32.

60,000—1-6-06.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works).

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.

To be carried out by—

REFERENCES.

To be printed [illegible] 21.11.07

4 Pro

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per.	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward			14494	10060
	Asst. Engr. for 6 months				
	Salary	450	Per mensem	2700	
	Local allowance	100	..	600	
	Exchange Compensation allowance	28-2	..	169	
	Travelling allowance	240	..	1440	
2	Surveyors for 3 months	100	Each per mensem.	600	
	Contingencies		L.S.	137	
	Total II Establishment				20140
	Tools and Plant		L.S.	500	
	Total III Tools and Plant				500

Grand Total of Estimate Rs. 30700

STATION

Date 190

Snd 12.12.07 Rw 14/12/07

A[illegible] Chief ~~Executive~~ Engineer. for Irrigation

E. No. 32.

60,000—1-6-06.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS).

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.

To be carried out by—

REFERENCES.

12

5 ...

Report

Part I - Establishment -

No explanation seems called for, except that provision for Exchange Compensation allowance has not been included, as I do not know how much to allow -

Part II - Works

Boatmen - Two boats are required on the Lake, to keep up communication with Periyar, for tappal, and for coolies, supplies etc. These men are paid 7 annas per diem, as they live at Periyar - This is the usual rate of wages there -

Tappal Coolies - necessary for the conveyance of tappal from the Lake to the different camps -

Survey Coolies - For employment under the Officers and Surveyors of the Party -

(The tappal and survey coolies are paid 8 annas per diem as they have to live out in the jungle).

Gangmen - Required for the supervision and control of the coolies at the different camps -

Supply Maistry - This man is kept at Periyar to receive and despatch tappal, and to arrange for supplies etc for the coolies -

6

B/

The remaining items are lump sum provisions which cannot be estimated for in detail with any degree of accuracy, but which have been found necessary from past experience —

S. W. Murray
Ex. Eng.

6-12-07

CHIEF ENGINEER
FOR IRRIGATION.
10 DEC 1907
No. 7983.

15–